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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=10; day=17; hr=14; min=7; sec=33; ms=914;]

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Application No: 09541094 Version No: 1.0

Input Set:**Output Set:**

Started: 2008-10-17 13:50:27.890
Finished: 2008-10-17 13:50:29.731
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 841 ms
Total Warnings: 18
Total Errors: 2
No. of SeqIDs Defined: 19
Actual SeqID Count: 19

Error code	Error Description
W 251	Found intentionally skipped sequence in SEQID (1)
W 251	Found intentionally skipped sequence in SEQID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 249	Order Sequence Error <210> -> <220>; Expected Mandatory Tag: <211> in SEQID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 402	Undefined organism found in <213> in SEQ ID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)

Input Set:

Output Set:

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No. of SeqIDs Defined: 19
Actual SeqID Count: 19

Error code	Error Description
E 250	Structural Validation Error; Sequence listing may not be indexable

SEQUENCE LISTING

<110> St.George-Hyslop, Peter H.
Fraser, Paul E.
University of Toronto

<120> A novel presenilin associated membrane
protein and uses thereof

<130> 1034/1F812-US1

<160> 19

<170> FastSEQ for Windows Version 3.0

<210> 1

<400> 1

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<210> 2

<400> 2

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<210> 3

<211> 422

<212> DNA

<213> mouse

<400> 3

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<213> unknown

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<223> EST from unknown organism

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ctagtgtgca gtgcccaaat gatgggtttg gtaattactc caactcctac gggccagagt	360

ttgctcactg gaagaaaaca ctgtggaatg aactcggcaa aggcttggct tatgaagacc	420
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<213> unknown

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gccatgaaga ggacctcaac tttgtgacag aactgccaa ggcactggcg aatgtggcca	180
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catggtttca gtcgatcctg aaacatgacc taaggctcta tttggatgac aggcctcttc	360
aacactacat cgccgtctcc agccctacca acacgactta cgttgtgcag tacgccttgg	420
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<211> 481

<212> DNA

<213> unknown

<220>

<223> EST from unknown organism

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<211> 398

<212> DNA

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<220>

<223> EST from unknown organism

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<213> C. Elegans

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<213> C. Elegans

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35 40 45
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50 55 60
Glu Asp Phe Lys Asn Leu Asp Ser Cys Trp Asn Ser Phe Tyr Pro Lys
65 70 75 80
Tyr Ser Gly Lys Tyr Trp Ala Leu Leu Pro Val Asn Leu Ile Arg Arg
85 90 95
Asp Thr Ile Ser Gln Leu Lys Ser Ser Lys Cys Leu Ser Gly Ile Val
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115 120 125
Ala Ser His Asp Ala Glu Cys Pro Asn Ala Ala Ser Asp Tyr Tyr Leu
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Gln Asp Lys Asn Glu Glu Tyr Cys Glu Arg Lys Ile Asn Ser Arg Gly
145 150 155 160
Ala Ile Thr Arg Asp Gly Leu Met Lys Ile Asp Trp Arg Ile Gln Met
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Val Phe Ile Asp Asn Ser Thr Asp Leu Glu Ile Ile Glu Lys Cys Tyr
180 185 190
Ser Met Phe Asn Lys Pro Lys Glu Asp Gly Ser Ser Gly Tyr Pro Tyr
195 200 205
Cys Gly Met Ser Phe Arg Leu Ala Asn Met Ala Ala Gly Asn Ser Glu
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Ile Cys Tyr Arg Arg Gly Lys Asn Asp Ala Lys Leu Phe Gln Met Asn
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405 410 415
Ile Asp Arg Ile Glu Arg Gly Leu Arg Ser His Ala Phe Asp Leu Glu
420 425 430
Lys Pro Ser Gly Ser Gly Asp Arg Val Pro Pro Ala Ser Trp His Ser
435 440 445
Phe Ala Lys Ala Asp Ala His Val Gln Ser Val Leu Leu Ala Pro Tyr
450 455 460
Gly Lys Glu Tyr Glu Tyr Gln Arg Val Asn Ser Ile Leu Asp Lys Asn
465 470 475 480
Glu Trp Thr Glu Asp Glu Arg Glu Lys Ala Ile Gln Glu Ile Glu Ala
485 490 495
Val Ser Thr Ala Ile Leu Ala Ala Ala Asp Tyr Val Gly Val Glu
500 505 510
Thr Asp Glu Val Val Ala Lys Val Asp Lys Lys Leu Ile Thr Thr Ile
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Pro Thr Val Leu His Trp Leu Thr Ile Phe Ala Leu Gly Ser Asp Lys
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Glu Thr Leu Asn Val Lys Ser Glu Lys Ser Cys Ser His Leu Gly Gln
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